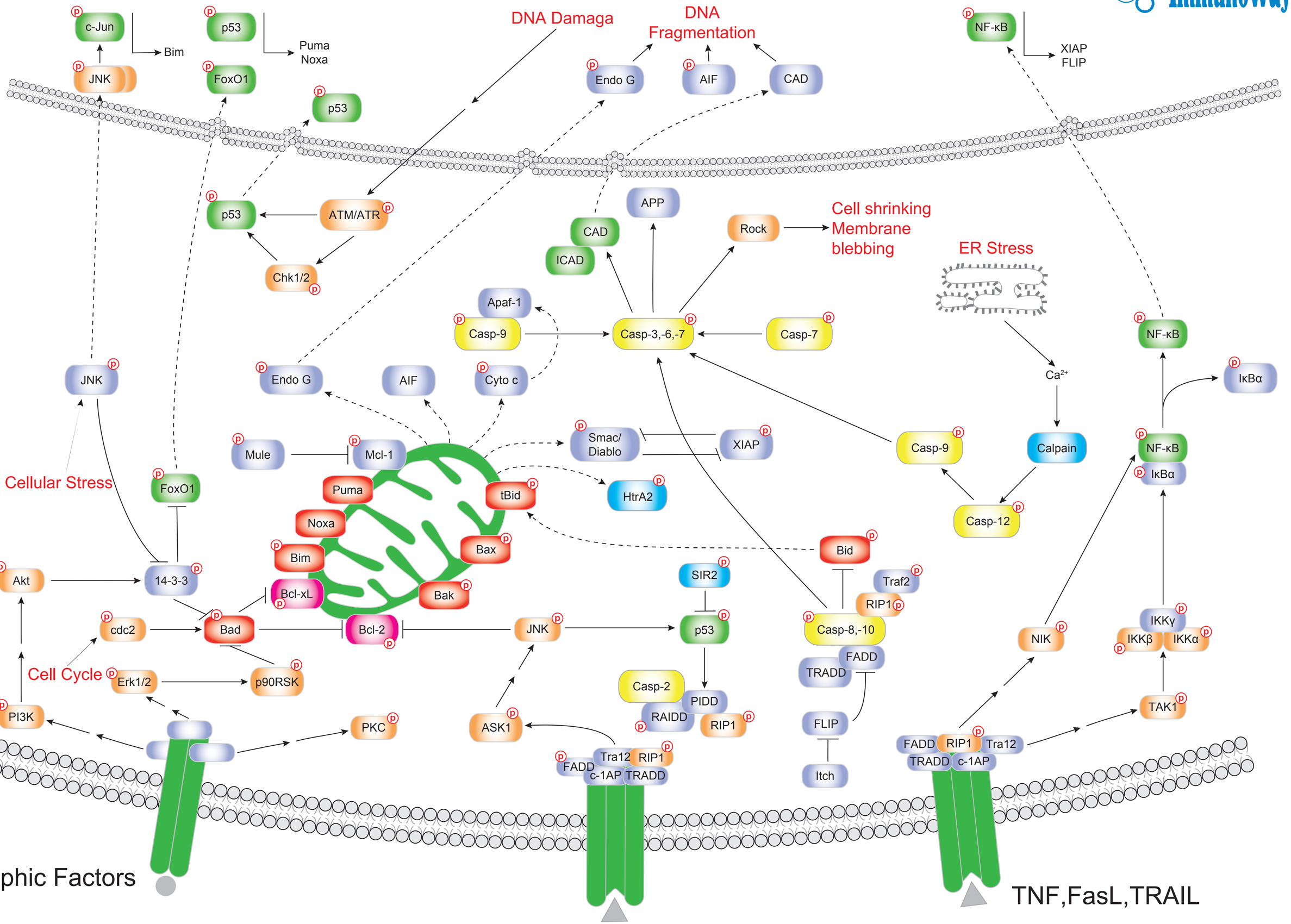
c-Jun
Bim
p53
Puma
Noxa
JNK
FoxO1
p53
DNA Damaga
DNA Fragmentation
Endo G
AIF
CAD
NF-κB
XIAP
FLIP
p53
ATM/ATR
Chk1/2
APP
CAD
ICAD
Rock
Cell shrinking
Membrane
blebbing
ER Stress
Apaf-1
Casp-9
Casp-3,-6,-7
Casp-7
JNK
Endo G
AIF
Cyto c
Ca2+
NF-κB
IκBα
Cellular Stress
Mule
Mcl-1
Puma
Noxa
Bim
Bcl-xL
Bcl-2
Bad
Bax
Bak
tBid
Smac/
Diablo
XIAP
HtrA2
FoxO1
Casp-9
Calpain
NF-κB
IκBα
Casp-12
Akt
14-3-3
cdc2
Cell Cycle
Erk1/2
p90RSK
PI3K
PKC
SIR2
p53
Casp-2
PIDD
RAIDD
RIP1
ASK1
Bid
Traf2
RIP1
Casp-8,-10
FADD
TRADD
FLIP
Itch
NIK
IKKγ
IKKβ
IKKα
TAK1
FADD
RIP1
Tra12
TRADD
c-1AP
Tra12
RIP1
FADD
c-1AP
TRADD
Trophic Factors
TNF,FasL,TRAIL